

This listing of claims will replace all prior versions, and listings, of claims in the application

LISTING OF CLAIMS

18. (currently amended) A surface-mounted LED arrangement,
5 comprising:

a printed circuit board having a principal surface and a secondary surface,
said printed circuit board comprising a plastic material,

a plurality of LEDs arranged on said principal surface,

10 a metallic layer provided on said secondary surface that is electrically insulated from said plurality of LEDs,

a cooling member connected to said secondary surface, wherein said printed circuit board is secured to said cooling member with at least one of a thermally conductive paste, a thermally conductive adhesive and a thermally conductive film, and

15 wherein said secondary surface is applied to a target surface that is at least one of a curved surface, a singly angled surface comprising at least two planes that are not co-planar, or and a multiply angled surface of: a) said cooling member, or to b) a thermally conductive partial region of a device housing, or to c) an automobile chassis,
20 such that said plurality of LEDs are arranged in a spatial form determined by said target surface ~~one of a curved surface, singly angled surface or multiply angled surface of said cooling member.~~

19. (previously presented) The LED arrangement according to claim 18,
25 wherein said metallic layer comprises copper or other metal having good thermal conductivity.

20. (previously presented) The LED arrangement according to claim 19, wherein said printed circuit board comprises a flexible printed circuit board structure.

5 21. (cancelled).

22. (previously presented) The LED arrangement according to claim 18, wherein said metallic layer comprises a meander-like lateral structure.

10 23. (currently amended) The LED arrangement according to claim 18 ~~22~~, wherein said cooling member comprises a metal.

24. (currently amended) The LED arrangement according to claim 18 ~~23~~, wherein a surface of said cooling member remotely positioned from said printed
15 circuit board is blackened, comprises cooling ribs or is provided with a roughened surface.

25. (currently amended) The LED arrangement according to claim 18 ~~24~~, wherein said plurality of LEDs are provided with lenses.

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26. (cancelled).

27. (currently amended) The LED arrangement according to claim 18 ~~26~~, wherein said printed circuit board comprises one of an epoxy resin, a polyester or
25 a polyamide.

28. (previously presented) A lighting device comprising the LED arrangement according to claim 18.

29. (currently amended) The lighting device ~~comprising an LED~~
5 ~~arrangement~~ according to claim 28, wherein said lighting device is an exterior lighting fixture of a motor vehicle, and said cooling member comprises a curvature adapted to one of an outside contour of said motor vehicle or to a partial surface region of an automobile chassis.

10 30. (currently amended) The lighting device ~~comprising an LED~~ ~~arrangement~~ according to claim 29, wherein said LED arrangement is a rotating light, and said cooling member has a cylindrical hollow shape with said printed circuit board applied to an outside wall thereof.

15 31. (previously presented) The lighting device according to claim 30, said plurality of LEDs that proceed axially are electrically combined into lanes that can be successively circumferentially operated.

20 32. (currently amended) The lighting device ~~having an LED arrangement~~ according to claim ~~30~~ 29, wherein said lighting device is an exterior lighting fixture of a motor vehicle, and said cooling member comprises a curvature adapted to one of an outside contour of a motor vehicle or to a partial surface region of an automobile chassis.

25 33. (previously presented) The lighting device according to claim 30, wherein said LED arrangement is a rotating light, and said cooling member has a cylindrical hollow shape with said printed circuit board applied to an outside wall thereof.

34. (previously presented) The lighting device according to claim 33, wherein said plurality of LEDs that proceed axially parallel are electrically combined into lanes that can be successively circumferentially operated.

5 35. (previously presented) The LED arrangement according to claim 20, wherein the flexible printed circuit board is a flex board.

36. (previously presented) The LED arrangement according to claim 23, wherein said metal is selected from the group consisting of copper, aluminum,
10 and sheet metal.

37. (previously presented) The LED arrangement according to claim 27, wherein said epoxy resin, polyester or polyamide is in the form of a polyester or polyamide film.
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